



# Confidence in precision opens in an emergency all doors

EA-KL<sup>2</sup>-T - Folding Arm<sup>2</sup> Door Opener



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For the natural smoke and heat exhaust it is physically indispensable that a sufficient supply air opening is available. This has to be the 1,5 fold of the air discharge opening according to building code. In practice there is an increased use of automatic electrical operated doors beside windows and flaps. **The Folding Arm<sup>2</sup> Door Opener** is the ideal actuator technology for smoke and heat exhaust supply air doors for keeping the door for the daily use manually flexible.

## Possible Applications

About six different mounting variations offer a high flexibility of this actuator system. Whether with mounting on the door frame or in reveal, plus rotating on the door, the Folding Arm<sup>2</sup> door opener shows its strengths independent of door variations. Adjusted to a DIN-right-door in delivery condition, the Folding Arm<sup>2</sup> door opener allows to reprogram itself to a DIN-left-door on-site without further accessories.

The central microprocessor provides beneath this function also a delayed dry contact signal, which allows the control of an electrical door opener.

Therefore also external doors and others doors, which are closed for standard can be assigned for supplying air in SHE case. Different from opening flaps for the smoke and heat exhaust the Folding Arm<sup>2</sup> door opener is not fixed directly to the door leaf. The force of the high-grade-steel arm pushes in emergency, led over a role, the self-closing door in open direction and allows therefore furthermore the unrestricted opening of the door, for example in escape routes.

## Established concept with new technology

As immediate follower of the Folding Arm in first generation, the EA-KL<sup>2</sup>-T backs on the new actuator technology of the range Folding Arm<sup>2</sup>. The Folding Arm<sup>2</sup> is compact and delivers a performance density, with that no other aggregate can mess. The premium anodized E6/EV1 aluminium housing and the lasertechnology processed high-grade-steel arm attach themselves optical addressing on every supply air door.



The Folding Arm<sup>2</sup> door opener EA-KL<sup>2</sup>-T as ideal opening actuator on a supply air door.

### Technical Data

Nominal voltage	24 V DC
Nominal current	1,2 A
Stroke	616 mm
Opening angle	125 ° (adjustable)
Force into OPEN	300 N
Force into CLOSE	50 N
Cut-off system	Integrated electrical cut-off-system with additional dry contact
Running speed	19,2 mm/s
Opening time	~ 30 s
Protection class	IP 54
Switch on duration	ED 50%
Temperature range	0 up to + 75 °C
Weight	approx. 4,6 kg
Stability	300 °C for 30 min.
Dimensions	L 500 x W 58 x H 122 mm

### Article versions

M2 1475	EA-KL <sup>2</sup> -T Folding Arm <sup>2</sup> Door Opener
K2 1620	K-KL <sup>2</sup> -T-MP Mounting plate for mounting at the wall, respectively on door frame
K2 1621	K-KL <sup>2</sup> -T-MW Mounting angle for mounting in reveal



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